

INVENTORIES

AI ID: 122793 - Title V General Permit
 Activity Number: PER20060001
 Permit Number: General Permit
 Air - Title V General Permit Major Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT001	Control Device - Boiler					8760 hr/yr (All Year)
EQT002	Control Device - Flare					8760 hr/yr (All Year)
EQT003	Control Device - Enclosed Combustion Device					8760 hr/yr (All Year)
EQT004	Control Device - Other					8760 hr/yr (All Year)
EQT005	Control Device - Vapor Recovery System					8760 hr/yr (All Year)
EQT006	Control Device - Carbon Adsorber - LA Policy					8760 hr/yr (All Year)
EQT007	Control Device - Cyclone - LA Policy					8760 hr/yr (All Year)
EQT008	Control Device - Dust Filter - LA Policy					8760 hr/yr (All Year)
EQT009	Control Device - Wet Scrubber - LA Policy					8760 hr/yr (All Year)
EQT010	Control Device - Non NSPS Flare - LA Policy					8760 hr/yr (All Year)
EQT011	Steam Boiler - Subject to 40CFR60 Subpart D					8760 hr/yr (All Year)
EQT012	Steam Boiler - Subject to 40CFR60 Subpart Db					8760 hr/yr (All Year)
EQT013	Steam Boiler - Subject to 40CFR60 Subpart Dc					8760 hr/yr (All Year)
EQT014	Glycol Dehydration Reboiler					8760 hr/yr (All Year)
EQT015	Glycol Dehydration Still Column					8760 hr/yr (All Year)
EQT016	Stationary Internal Combustion Engine					8760 hr/yr (All Year)
EQT017	Loading Apparatus					8760 hr/yr (All Year)
EQT018	Amine Sweetening Unit					8760 hr/yr (All Year)
EQT019	Separator - Oil - Water					8760 hr/yr (All Year)
EQT020	Miscellaneous Fuel Burning Equipment (Includes Line Heaters and Heater Treaters)					8760 hr/yr (All Year)
EQT021	Turbine					8760 hr/yr (All Year)
EQT022	Inchrazator					8760 hr/yr (All Year)
EQT025	Pneumatic Pump					8760 hr/yr (All Year)
EQT026	Process Vent					8760 hr/yr (All Year)
EQT027	Reactor					8760 hr/yr (All Year)
EQT028	Vapor Degreasers					8760 hr/yr (All Year)
EQT029	Cooling Tower					8760 hr/yr (All Year)
EQT030	Storage Vessel - Subject to 40CFR60 Subpart K					8760 hr/yr (All Year)
EQT031	Storage Vessel - Subject to 40CFR60 Subpart Ka					8760 hr/yr (All Year)
EQT032	Storage Vessel - Subject to 40CFR60 Subpart Kb					8760 hr/yr (All Year)
EQT033	Storage Vessel - Non NSPS					8760 hr/yr (All Year)
EQT034	Steam Boiler - Non NSPS					8760 hr/yr (All Year)
FUG001	Fugitive Emissions - Equipment Leaks					8760 hr/yr (All Year)

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Subject Item Groups:

ID	Description	Included Components (from Above)
GRP002	Entire Unit or Facility	EQ11 Control Device - Boiler
GRP002	Entire Unit or Facility	EQ12 Control Device - Flare
GRP002	Entire Unit or Facility	EQ13 Control Device - Enclosed Combustion Device
GRP002	Entire Unit or Facility	EQ14 Control Device - Other
GRP002	Entire Unit or Facility	EQ15 Control Device - Vapor Recovery System
GRP002	Entire Unit or Facility	EQ16 Control Device - Carbon Adsorber - LA Policy
GRP002	Entire Unit or Facility	EQ17 Control Device - Cyclone - LA Policy
GRP002	Entire Unit or Facility	EQ18 Control Device - Dust Filter - LA Policy
GRP002	Entire Unit or Facility	EQ19 Control Device - Wet Scrubber - LA Policy
GRP002	Entire Unit or Facility	EQ110 Control Device - Non NSPS Flare - LA Policy
GRP002	Entire Unit or Facility	EQ111 Steam Boiler - Subject to 40CFR60 Subpart D
GRP002	Entire Unit or Facility	EQ112 Steam Boiler - Subject to 40CFR60 Subpart Db
GRP002	Entire Unit or Facility	EQ113 Steam Boiler - Subject to 40CFR60 Subpart Dc
GRP002	Entire Unit or Facility	EQ114 Glycol Dehydration Reboiler
GRP002	Entire Unit or Facility	EQ115 Glycol Dehydration Still Column
GRP002	Entire Unit or Facility	EQ116 Stationary Internal Combustion Engine
GRP002	Entire Unit or Facility	EQ117 Loading Apparatus
GRP002	Entire Unit or Facility	EQ118 Amine Sweetening Unit
GRP002	Entire Unit or Facility	EQ119 Separator - Oil - Water
GRP002	Entire Unit or Facility	EQ120 Miscellaneous Fuel Burning Equipment (includes Line Heaters and Heater Treaters)
GRP002	Entire Unit or Facility	EQ121 Turbine
GRP002	Entire Unit or Facility	EQ122 Incinerator
GRP002	Entire Unit or Facility	EQ125 Pneumatic Pump
GRP002	Entire Unit or Facility	EQ126 Process Vent
GRP002	Entire Unit or Facility	EQ127 Reactor
GRP002	Entire Unit or Facility	EQ128 Vapor Degreasers
GRP002	Entire Unit or Facility	EQ129 Cooling Tower
GRP002	Entire Unit or Facility	EQ130 Storage Vessel - Subject to 40CFR60 Subpart K
GRP002	Entire Unit or Facility	EQ131 Storage Vessel - Subject to 40CFR60 Subpart Ka
GRP002	Entire Unit or Facility	EQ132 Storage Vessel - Subject to 40CFR60 Subpart Kb
GRP002	Entire Unit or Facility	EQ133 Storage Vessel - Non NSPS
GRP002	Entire Unit or Facility	EQ134 Steam Boiler - Non NSPS
GRP002	Entire Unit or Facility	FUG1 Fugitive Emissions - Equipment Leaks

Relationships:

INVENTORIES

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Stack Information:

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
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Fee Information:

Subj Item Id	Multiplier	Units Of Measure	Fee Desc
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SPECIFIC REQUIREMENTS

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EQT001 Control Device - Boiler

- 1 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 2 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
- 3 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7. [LAC 33:III.1305]
- 4 Total suspended particulate <= 1b/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 5 Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1311.C]
Which Months: All Year Statistical Basis: Six-minute average
- 6 Opacity <= 30 percent, except for one six-minute average opacity reading in any one hour period. [LAC 33:III.1311.D]
Which Months: All Year Statistical Basis: Six-minute average
- 7 Total suspended particulate <= 0.6 lb/MMBTU of heat input. [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
- 8 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
- 9 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 11 Nonhalogenated hydrocarbon burning: Temperature >= 1300 F (704 degrees C) for 0.3 second or greater in a direct-flame afterburner or an equally effective device which achieves a removal efficiency of 95 percent or greater, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 50 ppm by volume, whichever is less stringent. [LAC 33:III.2115.A]
Which Months: All Year Statistical Basis: None specified
- 12 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.B]
Which Months: All Year Statistical Basis: None specified
- 13 Nonhalogenated hydrocarbon burning: Temperature >= 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.C]
Which Months: All Year Statistical Basis: None specified

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- 14 Nonhalogenated hydrocarbon burning: Temperature \geq 1600 F (870 degrees C) for 0.5 seconds or greater in a direct-flame afterburner or thermal incinerator. Other devices will be accepted provided 98 percent or greater VOC destruction or removal efficiency can be demonstrated, as determined in accordance with LAC 33:III.2115.J.1, or if emissions are reduced to 20 ppm by volume, whichever is less stringent. [LAC 33:III.2115.D]
Which Months: All Year Statistical Basis: None specified
- 15 VOC, Total \leq 0.12 kg/1000 kg of product from the material recovery section. [LAC 33:III.2115.E]
Which Months: All Year Statistical Basis: None specified
- 16 Halogenated hydrocarbons, total \geq 95 % removal efficiency as determined in accordance with LAC 33:III.2115.J.1, by combustion or other methods specified in LAC 33:III.2115.G. If combusted, reduce the halogenated products of combustion to an emission level acceptable to DEQ. [LAC 33:III.2115.F]
Which Months: All Year Statistical Basis: None specified
- 17 Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate. [LAC 33:III.2115.I]
- 18 Demonstrate compliance with LAC 33:III.2115 as requested by DEQ. [LAC 33:III.2115.J.1]
- 19 Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e. [LAC 33:III.2115.J.2]
- 20 Comply with LAC 33:III.2115 as soon as practicable but in no event later than August 20, 2003. Comply with the requirements of LAC 33:III.2115 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2115 as a result of a revision of LAC 33:III.2115. [LAC 33:III.2115.J]
- 21 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]
- 22 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request. [LAC 33:III.2115.K]
- 23 Nitrogen oxides \leq 1b/MMBTU. [LAC 33:III.2201.D.1]
Which Months: May-Sep Statistical Basis: Thirty-day rolling average
- 24 Nitrogen oxides \leq 1tons/day. [LAC 33:III.2201.D]
Which Months: May-Sep Statistical Basis: Thirty-day rolling average
- 25 Nitrogen oxides monitored by technically sound method continuously. [LAC 33:III.2201.D]
Which Months: May-Sep Statistical Basis: Thirty-day rolling average
- 26 Demonstrate compliance with the facility-wide averaging plan using either the method in LAC 33:III.2201.E.1.b.i or the method in LAC 33:III.2201.E.1.b.ii. [LAC 33:III.2201.E.1.b]
- 27 Demonstrate compliance with the facility-wide averaging plan using either the method in LAC 33:III.2201.E.1.c.i or the method in LAC 33:III.2201.E.1.c.ii. [LAC 33:III.2201.E.1.c]
- 28 Fuel monitored by totalizer continuously. Monitor fuel usage with a totalizing fuel meter. [LAC 33:III.2201.H.1.a.i]
Which Months: May-Sep Statistical Basis: None specified
- 29 Fuel monitored by totalizer continuously. Monitor gas and/or liquid fuel usage with a totalizing fuel meter. Provide belt scales or an equivalent device for coal-fired boilers. [LAC 33:III.2201.H.1.b.i]
- 30 Oxygen monitored by the regulation's specified method(s) continuously. Monitor oxygen concentration with an oxygen monitor. [LAC 33:III.2201.H.1.b.ii]
Which Months: May-Sep Statistical Basis: None specified

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- 31 Diluent - either Oxygen or Carbon dioxide monitored by the regulation's specified method(s) continuously. Monitor oxygen or carbon dioxide with a diluent monitor that meets all of the requirements of performance specification 3 of 40 CFR 60, Appendix B. [LAC 33:III.2201.H.1.b.ii]
- Which Months: May-Sep Statistical Basis: None specified
- 32 Implement procedures to operate the boiler within the fuel and oxygen limits established during the initial compliance run in accordance with LAC 33:III.2201.G to continuously demonstrate compliance with the NOx limits of LAC 33:III.2201.D or E. [LAC 33:III.2201.H.1.b.iii]
- 33 Nitrogen oxides monitored by continuous emission monitor (CEM) continuously to demonstrate continuous compliance with the NOx emission factors of LAC 33:III.2201.D or E. Ensure that the CEMS meets all of the requirements of 40 CFR Part 60.13 and performance specification 2 of 40 CFR 60, Appendix B, or the requirements of 40 CFR Part 75 for units regulated under the Acid Rain Program. [LAC 33:III.2201.H.1.b.iii]
- Which Months: May-Sep Statistical Basis: None specified
- 34 Carbon monoxide monitored by the regulation's specified method(s) continuously. Monitor carbon monoxide with a CO monitor that meets all of the requirements of performance specification 4 of 40 CFR 60, Appendix B. [LAC 33:III.2201.H.1.b.iv]
- Which Months: May-Sep Statistical Basis: None specified
- 35 Nitrogen oxides monitored by the regulation's specified method(s) continuously. Predict NOx for each affected point source using a PEMS. Certify the PEMS while operating on primary boiler fuel and, separately, on any alternative fuel. [LAC 33:III.2201.H.1.b.v]
- Which Months: May-Sep Statistical Basis: None specified
- 36 Diluent - either Oxygen or Carbon dioxide monitored by the regulation's specified method(s) continuously. Predict diluent (either oxygen or carbon dioxide) for each affected point source using a PEMS or a monitor for diluent according to LAC 33:III.2201.H.1.b.ii or similar alternative method approved by DEQ. If using a PEMS, certify the PEMS while operating on primary boiler fuel and, separately, on any alternative fuel. [LAC 33:III.2201.H.1.b.v]
- Which Months: May-Sep Statistical Basis: None specified
- 37 Carbon monoxide monitored by the regulation's specified method(s) continuously. Predict CO for each affected point source using a PEMS. Certify the PEMS while operating on primary boiler fuel and, separately, on any alternative fuel. [LAC 33:III.2201.H.1.b.v]
- Which Months: May-Sep Statistical Basis: None specified
- 38 Test NOx emissions after each occurrence of catalyst replacement. Maintain documentation on-site, if practical, of the date, the person doing the test, and the test results. Make documentation available for inspection upon request. [LAC 33:III.2201.H.10]
- 39 Fuel recordkeeping by totalizing meter upon occurrence of event. Record the fuel input for each affected point source during each ozone season. [LAC 33:III.2201.H.11]
- 40 Fuel monitored by totalizer continuously. Monitor fuel input using a totalizing fuel meter. [LAC 33:III.2201.H.11]
- Which Months: May-Sep Statistical Basis: None specified
- 41 Submit notification: Due to DEQ within seven days if the BTU-per-ozone season limit is exceeded. [LAC 33:III.2201.H.11]
- 42 Submit permit modification: Due within 90 days after receipt of notification from DEQ of the loss of exemption due to exceedance of the BTU-per-ozone season limit. Submit a permit modification detailing how to meet the applicable emission factor as soon as possible, but no later than 24 months, after exceeding the limit. Include a schedule of increments of progress for the installation and operation of the required control equipment. [LAC 33:III.2201.H.11]
- 43 Operating time recordkeeping by the regulation's specified method(s) upon occurrence of event. Record the operating time with a nonresettable, elapsed run-time meter. [LAC 33:III.2201.H.12]
- 44 Submit notification: Due within seven days if the hours-per-ozone season limit is exceeded. [LAC 33:III.2201.H.12]
- 45 Submit permit modification: Due within 90 days after receipt of notification from DEQ of the loss of exemption due to exceedance of the hours-per-ozone season limit. Submit a permit modification detailing how to meet the applicable emission factor as soon as possible, but no later than 24 months, after exceeding the limit. Include a schedule of increments of progress for the installation and operation of the required control equipment. [LAC 33:III.2201.H.12]
- 46 Nitrogen oxides monitored by continuous emission monitor (CEM) continuously. [LAC 33:III.2201.H.7]
- Which Months: May-Sep Statistical Basis: None specified

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- 47 Carbon monoxide monitored by the regulation's specified method(s) continuously. Monitor carbon monoxide using a CO monitor. [LAC 33:III.2201.H.7]
Which Months: May-Sep Statistical Basis: None specified
- 48 Fuel recordkeeping by electronic or hard copy daily. Record fuel gas composition. [LAC 33:III.2201.H.9]
- 49 Fuel monitored by the regulation's specified method(s) daily. Analyze the fuel gas composition according to the methods listed in LAC 33:III.2201.G.5.g. [LAC 33:III.2201.H.9]
Which Months: May-Sep Statistical Basis: None specified
- 50 Submit Notification: Due at least 30 days prior to any compliance testing conducted under LAC 33:III.2201.G and any CEMS or PEMS performance evaluation conducted under LAC 33:III.2201.H in order to give DEQ an opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.2201.I.1]
- 51 Submit test results: Due within 60 days after completing the emission testing required in LAC 33:III.2201.I.1. [LAC 33:III.2201.I.1]
- 52 Submit report: Due within 90 days of the end of each quarter for any noncompliance of the applicable emission limitations of LAC 33:III.2201.D or E. Include the information specified in LAC 33:III.2201.I.2.a through I.2.d. [LAC 33:III.2201.I.2]
- 53 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the information specified in LAC 33:III.2201.I.3 and I.4 as applicable. [LAC 33:III.2201.I]
- 54 Nitrogen oxides <= _lb/MMBTU. [LAC 33:III.2202.B]
Which Months: May-Sep Statistical Basis: Thirty-day rolling average
- 55 Equipment/operational data <= _ appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 56 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 57 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 58 Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
- 59 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]
- 60 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]
- 61 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end be in the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

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- 62 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 6C - Determination of Sulfur Dioxide Emissions from Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]
- 63 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer; and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]
- 64 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer; Method 6C - Determination of Sulfur Dioxide Emissions from Stationary Sources (Instrumental Analyzer Procedure); and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]
- 65 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]
- 66 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]
- 67 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]
- 68 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]
- 69 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]
- 70 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]
- 71 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]
- 72 Submit certified letter: Due to the Office of Environmental Assessment, Air Quality Assessment Division, before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]
- 73 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

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EQ1001 Control Device - Boiler

- 74 Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]
- 75 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]
- 76 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]
- 77 Closed-vent system: Operate with no detectable emissions as indicated by an instrument reading of less than 500 ppmv above background, as determined initially and thereafter at least once per year by the methods specified in 40 CFR 61.355(h). Subpart FF. [40 CFR 61.349(a)(1)(i)]
- 78 Closed-vent system (bypass lines): Flow monitored by flow indicator once every 15 minutes, except as provided in 40 CFR 61.349(a)(1)(ii)(B). Install the flow indicator at the entrance to any bypass line that could divert the vent stream away from the control device to the atmosphere. Subpart FF. [40 CFR 61.349(a)(1)(ii)]
Which Months: All Year Statistical Basis: None specified
- 79 Closed-vent system (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Subpart FF. [40 CFR 61.349(a)(1)(ii)]
- 80 Closed-vent system: Ensure that all gauging and sampling devices are gas-tight except when gauging or sampling is taking place. Subpart FF. [40 CFR 61.349(a)(1)(iii)]
- 81 Total Organic Compounds (TOC) >= 95 % reduction by weight. Subpart FF. [40 CFR 61.349(a)(2)(i)(A)]
Which Months: All Year Statistical Basis: None specified
- 82 Total Organic Compounds (TOC) <= 20 ppmv (as the sum of the concentrations for individual compounds using Method 18) on a dry basis corrected to 3 percent oxygen. Subpart FF. [40 CFR 61.349(a)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified
- 83 Residence time >= 0.5 sec at a minimum temperature of 760 degrees C (1400 degrees F). Subpart FF. [40 CFR 61.349(a)(2)(i)(C)]
Which Months: All Year Statistical Basis: None specified
- 84 Introduce the vent stream into the flame zone of the boiler or process heater. Subpart FF. [40 CFR 61.349(a)(2)(i)(C)]
- 85 Operate at all times when waste is placed in the waste management unit vented to the control device except when maintenance or repair of the waste management unit cannot be completed without a shutdown of the control device. Subpart FF. [40 CFR 61.349(b)]
- 86 Demonstrate that each control device, except for a flare, achieves the appropriate conditions specified in 40 CFR 61.349(a)(2) using one of methods specified in 40 CFR 61.349(c)(1) and (c)(2). Subpart FF. [40 CFR 61.349(c)]
- 87 Equipment/operational data monitored by visual inspection/determination once initially and once every quarter thereafter. Include inspection of ductwork and piping and connections to covers and control devices for evidence of visible defects such as holes in ductwork or piping and loose connections. Subpart FF. [40 CFR 61.349(f)]
Which Months: All Year Statistical Basis: None specified
- 88 Make a first effort to repair the closed-vent system and control device as soon as practicable but no later than 5 calendar days after visible defects are observed during an inspection, or if other problems are identified, or if detectable emissions are measured, except as provided in 40 CFR 61.350. Complete repair no later than 15 calendar days after the emissions are detected or the visible defect is observed. Subpart FF. [40 CFR 61.349(g)]
- 89 Temperature monitored by temperature monitoring device continuously. Install the temperature sensor at a representative location in the combustion chamber. Subpart FF. [40 CFR 61.354(c)(4)]
Which Months: All Year Statistical Basis: None specified
- 90 Temperature recordkeeping by recorder continuously. Subpart FF. [40 CFR 61.354(c)(4)]
- 91 Equipment/operational data monitored by technically sound method continuously. Monitor a parameter that indicates good combustion operating practices are being used. Subpart FF. [40 CFR 61.354(c)(5)]
Which Months: All Year Statistical Basis: None specified

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- 92 Equipment/operational data recordkeeping by recorder continuously. Record a parameter that indicates good combustion operating practices are being used. Subpart FF. [40 CFR 61.354(c)(5)]
- 93 Monitoring data monitored by technically sound method daily. Inspect the data recorded by the monitoring equipment to ensure that the control device is operating properly. Subpart FF. [40 CFR 61.354(c)]
Which Months: All Year Statistical Basis: None specified
- 94 Closed-vent system (bypass line): Seal or closure mechanism monitored by visual inspection/determination monthly. Check the position of the valve and the condition of the car-seal or closure mechanism required under 40 CFR 61.349(a)(1)(ii) to ensure that the valve is maintained in the closed position and the vent stream is not diverted through the bypass line. Subpart FF. [40 CFR 61.354(f)(1)]
Which Months: All Year Statistical Basis: None specified
- 95 Closed-vent system (bypass line): Flow monitored by visual inspection/determination daily. Inspect the readings from each flow monitoring device required by 40 CFR 61.349(a)(1)(ii) to check that vapors are being routed to the control device as required. Subpart FF. [40 CFR 61.354(f)(2)]
Which Months: All Year Statistical Basis: None specified
- 96 Pressure monitored by pressure instrument continuously to ensure that the pressure is less than atmospheric pressure. Subpart FF. [40 CFR 61.354(g)]
Which Months: All Year Statistical Basis: None specified
- 97 Pressure recordkeeping by recorder continuously. Subpart FF. [40 CFR 61.354(g)]
- 98 Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF. [40 CFR 61.355]
- 99 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency Maintain records as specified in 40 CFR 61.356(a) through (n), as applicable. Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF. [40 CFR 61.356]
- 100 Maintain records as required in 40 CFR 63.10(b)(3). Subpart HHH. [40 CFR 63.1270(f)]
- 101 Design and operate in accordance with the requirements of 40 CFR 63.1281(d). Subpart HHH. [40 CFR 63.1275(b)(1)(i)]
- 102 Outlet emissions: Benzene < 0.90 Mg/yr. Subpart HHH. [40 CFR 63.1275(b)(1)(ii)]
Which Months: All Year Statistical Basis: None specified
- 103 Design and operate in accordance with the requirements of 40 CFR 63.1281(d), except that the performance requirements specified in 40 CFR 63.1281(d)(1)(i) and (d)(1)(ii) do not apply. Subpart HHH. [40 CFR 63.1275(b)(1)(ii)]
- 104 Closed-vent system: Design and operate in accordance with the requirements of 40 CFR 63.1281(c). Subpart HHH. [40 CFR 63.1275(b)(1)]
- 105 Emissions to the atmosphere: HAP >= 95 % reduction. Subpart HHH. [40 CFR 63.1275(c)(2)]
Which Months: All Year Statistical Basis: None specified
- 106 Closed-vent system: Route all gases, vapors, and fumes emitted from the material in a HAP emissions unit to a control device that meets the requirements specified in 40 CFR 63.1281(d). Subpart HHH. [40 CFR 63.1281(c)(1)]
- 107 Closed-vent system: Design and operate with no detectable emissions, as determined by 40 CFR 63.1282(b). Subpart HHH. [40 CFR 63.1281(c)(2)]
- 108 Closed-vent system (bypass device): Flow monitored by flow indicator periodically. The flow indicator must sound an alarm when the bypass device is open such that the stream is being, or could be, diverted away from the control device to the atmosphere Subpart HHH. [40 CFR 63.1281(c)(3)(i)(A)]
Which Months: All Year Statistical Basis: None specified
- 109 Closed-vent system (bypass device): Secure the bypass device valve installed at the inlet to the bypass device in the non-diverting position using a car-seal or a lock-and-key type configuration. Subpart HHH. [40 CFR 63.1281(c)(3)(i)(B)]

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- 110 Total Organic Compounds (TOC) or HAP \geq 95 % reduction by weight or \leq 20 ppmv on a dry basis corrected to 3 percent oxygen, as determined in accordance with the requirements of 40 CFR 63.1282(d); or Residence time \geq 0.5 seconds at a minimum temperature of 760 degrees C. Subpart HHH. [40 CFR 63.1281(d)(1)(i)]
Which Months: All Year Statistical Basis: None specified
- 111 Introduce vent stream into the flame zone. Subpart HHH. [40 CFR 63.1281(d)(1)(i)(D)]
- 112 Operate at all times when gasses, vapors, and fumes are vented from the emissions unit or units through the closed-vent system to the control device, as required under 40 CFR 63.1275, except when maintenance or repair on a unit cannot be completed without a shutdown of the control device. Subpart HHH. [40 CFR 63.1281(d)(4)(i)]
- 113 Demonstrate compliance with the monitoring requirements of 40 CFR 63.1283(d) according to the requirements of 40 CFR 63.1282(e) or (f), as applicable. Subpart HHH. [40 CFR 63.1281(d)(4)(ii)]
- 114 Demonstrate that the control device meets the requirements of 40 CFR 63.1281(d)(1) or (e)(3)(ii) by conducting a performance test. Use the test methods and procedures specified in 40 CFR 63.1282(d)(3)(i) through (d)(3)(iv). Submit the performance test results in the Notification of Compliance Status Report as required in 40 CFR 63.1285(d)(1)(ii). Subpart HHH. [40 CFR 63.1282(d)(3)]
- 115 Demonstrate that the control device meets the requirements of 40 CFR 63.1281(d)(1) or (e)(3)(ii) by conducting a design analysis meeting the requirements of 40 CFR 63.1282(d)(4)(i) and (d)(4)(ii). Submit documentation of the design analysis as a part of the Notification of Compliance Status Report as required in 40 CFR 63.1285(d)(1)(i). Subpart HHH. [40 CFR 63.1282(d)(4)]
- 116 Establish a site specific maximum or minimum monitoring parameter value (as appropriate) according to the requirements of 40 CFR 63.1283(d)(5)(i). Subpart HHH. [40 CFR 63.1282(e)(1)]
- 117 Calculate the daily average of the applicable monitored parameter in accordance with 40 CFR 63.1283(d)(4). Subpart HHH. [40 CFR 63.1282(e)(2)]
- 118 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the specified in 40 CFR 63.1282(b) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.1285(d)(1) or (d)(2). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(A)]
Which Months: All Year Statistical Basis: None specified
- 119 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified
- 120 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of component or connection repair or replacement or connection unsealing, to demonstrate that it operates with no detectable emissions. Use the procedures in 40 CFR 63.1282(b). Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified
- 121 Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.1282(b) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.1285(d)(1) or (d)(2). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(A)]
Which Months: All Year Statistical Basis: None specified
- 122 Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures specified in 40 CFR 63.1282(b) to demonstrate that the components or connections operate with no detectable emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1285(e)(2)(iii). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(B)]
Which Months: All Year Statistical Basis: None specified

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- 123 Closed-vent system (components other than those in 40 CFR 63.1283(c)(2)(i)): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit inspection results in the Periodic Report as specified in 40 CFR 63.1283(e)(2)(ii). Subpart HHH. [40 CFR 63.1283(c)(2)(ii)(C)]
Which Months: All Year Statistical Basis: None specified
- 124 Closed-vent system (bypass device): Flow monitored by flow indicator once every 15 minutes. Install the flow indicator at the inlet to the bypass device. Subpart HHH. [40 CFR 63.1283(c)(2)(iii)(A)]
Which Months: All Year Statistical Basis: None specified
- 125 Closed-vent system (bypass device): Seal or closure mechanism monitored by visual inspection/determination monthly to verify that the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass device. Subpart HHH. [40 CFR 63.1283(c)(2)(iii)(B)]
Which Months: All Year Statistical Basis: None specified
- 126 Closed-vent system: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.1283(c)(4). Subpart HHH. [40 CFR 63.1283(c)(3)]
- 127 Closed-vent system (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.1283(c)(2)(i) or (c)(2)(ii). Subpart HHH. [40 CFR 63.1283(c)(5)(i)]
- 128 Cover (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.1283(c)(2)(i) or (c)(2)(ii). Subpart HHH. [40 CFR 63.1283(c)(5)(i)]
- 129 Closed-vent system (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HHH. [40 CFR 63.1283(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified
- 130 Cover (unsafe-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times. Subpart HHH. [40 CFR 63.1283(c)(5)(ii)]
Which Months: All Year Statistical Basis: None specified
- 131 Closed-vent system (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than two meters above a support surface. Subpart HHH. [40 CFR 63.1283(c)(6)(i)]
- 132 Cover (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than two meters above a support surface. Subpart HHH. [40 CFR 63.1283(c)(6)(i)]
- 133 Closed-vent system (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HHH. [40 CFR 63.1283(c)(6)(ii)]
Which Months: All Year Statistical Basis: None specified
- 134 Cover (difficult-to-inspect): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Subpart HHH. [40 CFR 63.1283(c)(6)(ii)]
Which Months: All Year Statistical Basis: None specified
- 135 Temperature monitored by temperature monitoring device continuously, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(D)]
Which Months: All Year Statistical Basis: None specified
- 136 Temperature recordkeeping by electronic or hard copy continuously. Subpart HHH. [40 CFR 63.1283(d)(3)(i)(D)]
- 137 Organic compounds monitored by organic monitoring device continuously. Measure the concentration level in the exhaust vent stream from the control device, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(ii)]
Which Months: All Year Statistical Basis: None specified
- 138 Organic compounds recordkeeping by electronic or hard copy continuously. Record the concentration level in the exhaust vent stream from the control device, as specified. Subpart HHH. [40 CFR 63.1283(d)(3)(ii)]

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- 139 Calculate the daily average value for each monitored operating parameter for each operating day using the data recorded by the monitoring system. Subpart HHH. [40 CFR 63.1283(d)(4)]
- 140 Establish a minimum operating parameter value or a maximum operating parameter value, as appropriate for the control device, to define the conditions at which the control device must be operated to continuously achieve the applicable performance requirements of 40 CFR 63.1281(d)(1) or 40 CFR 63.1281(e)(3)(ii). Establish operating parameter values as specified in 40 CFR 63.1283(d)(5)(A) and (d)(5)(B). Subpart HHH. [40 CFR 63.1283(d)(5)(i)]
- 141 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.1284(b) through (e). Subpart HHH. [40 CFR 63.1284]
- 142 Maintain records as specified in 40 CFR 63.10(b)(3). Subpart HH. [40 CFR 63.760(e)]
- 143 Design and operate in accordance with the requirements of 40 CFR 63.771(d). Subpart HH. [40 CFR 63.765(b)(1)(i)]
- 144 Outlet emissions: Benzene < 0.90 Mg/yr. Subpart HH. [40 CFR 63.765(b)(1)(ii)]
Which Months: All Year Statistical Basis: None specified
- 145 Design and operate in accordance with the requirements of 40 CFR 63.771(d), except that the performance levels specified in 40 CFR 63.771(d)(1)(i) and (ii) do not apply. Subpart HH. [40 CFR 63.765(b)(1)(ii)]
- 146 Closed-vent system: Design and operate in accordance with the requirements of 40 CFR 63.771(c). Subpart HH. [40 CFR 63.765(b)(1)]
- 147 Emissions to the atmosphere: HAP >= 95 % reduction. Subpart HH. [40 CFR 63.765(c)(2)]
Which Months: All Year Statistical Basis: None specified
- 148 Closed-vent system: Route all gases, vapors, and fumes emitted from the material in a HAP emissions unit to a control device that meets the requirements specified in 40 CFR 63.771(d). Subpart HH. [40 CFR 63.771(c)(1)]
- 149 Closed-vent system: Design and operate with no detectable emissions, as determined by 40 CFR 63.772(c). Subpart HH. [40 CFR 63.771(c)(2)]
- 150 Closed-vent system (bypass device): Flow monitored by flow indicator periodically. The flow indicator must sound an alarm when the bypass device is open such that the stream is being, or could be, diverted away from the control device to the atmosphere Subpart HH. [40 CFR 63.771(c)(3)(i)(A)]
Which Months: All Year Statistical Basis: None specified
- 151 Closed-vent system (bypass device): Secure the bypass device valve installed at the inlet to the bypass device in the non-diverting position using a car-seal or a lock-and-key type configuration. Subpart HH. [40 CFR 63.771(c)(3)(i)(B)]
- 152 Total Organic Compounds (TOC) or HAP >= 95 % reduction by weight or <= 20 ppmv on a dry basis corrected to 3 percent oxygen, as determined in accordance with the requirements of 40 CFR 63.772(e), or Residence time >= 0.5 seconds at a minimum temperature of 760 degrees C. Subpart HH. [40 CFR 63.771(d)(1)(i)]
Which Months: All Year Statistical Basis: None specified
- 153 Introduce vent stream into the flame zone. Subpart HH. [40 CFR 63.771(d)(1)(i)(D)]
- 154 Operate at all times when gases, vapors, and fumes are vented from the HAP emissions unit or units through the closed-vent system to the control device, as required under 40 CFR 63.765, 40 CFR 63.766, and 40 CFR 63.769, except when maintenance or repair on a unit cannot be completed without a shutdown of the control device. Subpart HH. [40 CFR 63.771(d)(4)(i)]
- 155 Demonstrate compliance with the monitoring requirements of 40 CFR 63.773(d) according to the requirements of 40 CFR 63.772(f) or (g), as applicable. Subpart HH. [40 CFR 63.771(d)(4)(ii)]
- 156 Demonstrate that the control device meets the requirements of 40 CFR 63.771(d)(1) or (e)(3)(ii) by conducting a performance test. Use the test methods and procedures specified in 40 CFR 63.772(e)(3)(i) through (e)(3)(iv). Submit the performance test results in the Notification of Compliance Status Report as required in 40 CFR 63.775(d)(1)(ii). Subpart HH. [40 CFR 63.772(e)(3)]

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- 157 Demonstrate that the control device meets the requirements of 40 CFR 63.771(d)(1) or (e)(3)(ii) by conducting a design analysis meeting the requirements of 40 CFR 63.772(e)(4)(i) and (e)(4)(ii). Submit documentation of the design analysis as a part of the Notification of Compliance Status Report as required in 40 CFR 63.775(d)(1)(i). Subpart HH. [40 CFR 63.772(e)(4)]
- 158 Establish a site specific maximum or minimum monitoring parameter value (as appropriate) according to the requirements of 40 CFR 63.773(d)(5)(i). Subpart HH. [40 CFR 63.772(f)(1)]
- 159 Calculate the daily average of the applicable monitored parameter in accordance with 40 CFR 63.773(d)(4). Subpart HH. [40 CFR 63.772(f)(2)]
- 160 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.775(d)(1) or (d)(2). Subpart HH. [40 CFR 63.773(c)(2)(i)(A)]
Which Months: All Year Statistical Basis: None specified
- 161 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified
- 162 Closed-vent system (joints, seams, or other connections that are permanently or semi-permanently sealed): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of component repair or replacement or connection unsealing, to demonstrate that it operates with no detectable emissions. Use the procedures in 40 CFR 63.772(c). Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(iii). Subpart HH. [40 CFR 63.773(c)(2)(i)(B)]
Which Months: All Year Statistical Basis: None specified
- 163 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the closed-vent system operates with no detectable emissions. Submit inspection results with the Notification of Compliance Status Report as specified in 40 CFR 63.775(d)(1) or (d)(2). Subpart HH. [40 CFR 63.773(c)(2)(ii)(A)]
Which Months: All Year Statistical Basis: None specified
- 164 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures specified in 40 CFR 63.772(c) to demonstrate that the components or connections operate with no detectable emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(ii). Subpart HH. [40 CFR 63.773(c)(2)(ii)(B)]
Which Months: All Year Statistical Basis: None specified
- 165 Closed-vent system (components other than those in 40 CFR 63.773(c)(2)(1)): Equipment/operational data monitored by visual inspection/determination annually for defects that could result in air emissions. Submit the inspection results in the Periodic Report as specified in 40 CFR 63.775(e)(2)(ii). Subpart HH. [40 CFR 63.773(c)(2)(ii)(C)]
Which Months: All Year Statistical Basis: None specified
- 166 Closed-vent system (bypass device): Flow monitored by flow indicator once every 15 minutes. Install the flow indicator at the inlet to the bypass device. Subpart HH. [40 CFR 63.773(c)(2)(iv)(A)]
Which Months: All Year Statistical Basis: None specified
- 167 Closed-vent system (bypass device): Seal or closure mechanism monitored by visual inspection/determination monthly to verify that the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass device. Subpart HH. [40 CFR 63.773(c)(2)(v)(B)]
Which Months: All Year Statistical Basis: None specified
- 168 Closed-vent system: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.773(c)(4). Subpart HH. [40 CFR 63.773(c)(3)]
- 169 Closed-vent system (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.773(c)(2)(i), (ii), or (iii). Subpart HH. [40 CFR 63.773(c)(5)(i)]